

SATURDAY 17 JUNE 2017

SAT 19:00 Nicola Benedetti's Indian Serenade (b043ncnz)
Celebrating ten years since she won Young Musician of the Year, virtuoso violinist Nicola Benedetti joins the BBC Scottish Symphony Orchestra on the trip of a lifetime - a tour of India. This film goes behind the scenes with Nicola, as she plays in Mumbai and New Delhi and experiences the country for the very first time.

It reveals the joys and challenges of life on the road for a musician - the gruelling rehearsal schedule, the pre-performance nerves and the thrill of coming off stage to rapturous applause. There's an insight into Nicola's passion for the violin and the special bond she shares with her Stradivarius. Nicola also takes part in workshops for local children and gives an informal performance to young children in a Mumbai municipal school.

SAT 19:30 BBC Cardiff Singer of the World (b08v1781)
2017

Song Prize Final

Petec Trelawny and American soprano Angel Blue host the first of two finals taking place in Cardiff this weekend. The Song Prize was first won by legendary Welsh baritone Bryn Terfel when it was introduced back in 1989. For this final the orchestra has been replaced by a piano as five singers aim to impress an expert panel of judges in the intimate and demanding discipline of 'art song' or lieder. On hand to discuss their performances are acclaimed lyric tenor John Mark Ainsley and leading vocal coach Mary King.

SAT 21:00 Cardinal (b08ftdw6)

Series 1

Keith

When Woody Baldwin's body is found hastily disposed of, Cardinal and Delorme are able to connect it to Eric Fraser, and Eric to Katie Pine and Todd Curry. They know they have their killer - now it's a mad dash to find him before he murders Keith. Meanwhile, Cardinal meets his daughter Kelly when she makes a surprise trip home to visit her mother Catherine - but where is she?

SAT 21:45 Cardinal (b08gley9)

Series 1

Catherine

Cardinal wonders if he and Delorme are still missing a piece of the puzzle. He digs deeper and goes to the pharmacy where Edie works and finds something very disturbing. Delorme concludes her investigation of Cardinal and it's not good.

SAT 22:25 Lemmy: The Movie (b012p5vv)

Film which celebrates the life and rock 'n' roll philosophy of the late Motorhead frontman and bassist Lemmy. Born Christmas Eve 1945 in Stoke and schooled in part on Anglesey, Ian Fraser Willis acquired the name 'Lemmy' while roadying for Jimi Hendrix and co when he hit London in 1967; it comes from the oft repeated saying 'Len' me a quid'.

Lemmy became the bass player in Hawkwind and sang their biggest hit, Silver Machine, before forming his own hard rockin' metal trio Motorhead in the mid-70s, blending punk and primal rock into a foot-to-the-floor, hard driving rock 'n' roll aesthetic which resulted in monster hits like Ace of Spades and the live album No Sleep Til Hammersmith in the early 80s and to which he has remained constantly steadfast.

Joining Lemmy and members of Motorhead to celebrate his life and times are Hawkwind's Dave Brock, Metallica's James Hetfield, Dave Grohl, Alice Cooper, Peter Hook and Jarvis Cocker.

SAT 00:20 Lemmy: In His Own Words (p03fvgyy)

Ian Fraser Kilmister, a.k.a. Lemmy and Motorhead frontman/songwriter is credited with introducing punk sounds into the heavy metal mix, paving the way for a generation of thrash metal and speed metal followers. Lemmy was a one-off who walked it like he talked it and while he embodied the rock 'n' roll lifestyle up until his death, his influence as a musician and songwriter should not be underestimated.

This programme takes a look back through the BBC vaults at one of rock music's most charismatic frontmen, divulging performances and interviews from a 50-year hell-raising music career.

SAT 00:40 Metal Britannia (b00r600m)

Nigel Planer narrates a documentary which traces the origins and development of British heavy metal from its humble beginnings in the industrialised Midlands to its proud international triumph.

In the late 60s a number of British bands were forging a new kind of sound. Known as hard rock, it was loud, tough, energetic and sometimes dark in outlook. They didn't know it, but Deep Purple, Uriah Heep and, most significantly, Black Sabbath were defining what first became heavy rock and then eventually heavy metal.

Inspired by blues rock, progressive rock, classical music and high energy American rock, they synthesised the sound that would inspire bands like Judas Priest to take metal even further during the 70s.

By the 80s its originators had fallen foul of punk rock, creative stasis or drug and alcohol abuse. But a new wave of British heavy metal was ready to take up the crusade. With the success of bands like Iron Maiden, it went global.

Contributors include Lemmy from Motorhead, Sabbath's Tony Iommi, Ian Gillan from Deep Purple, Judas Priest singer Rob Halford, Bruce Dickinson from Iron Maiden and Saxon's Biff Byford.

SAT 02:10 David Bowie and the Story of Ziggy Stardust (b01k0y0n)

The Rise and Fall of Ziggy Stardust and the Spiders from Mars is arguably the most important album in the mind-blowing career of David Bowie. Released in 1972, it's the record that set the mercurial musician on course to becoming one of the best-known pop stars on the planet. In just over a year, Bowie's messianic Martian invaded the minds of the nation's youth with a killer combination of extraterrestrial rock 'n' roll and outrageous sexuality, all delivered in high-heeled boots, multicoloured dresses and extravagant make-up. In Bowie's own words, Ziggy was 'a cross between Nijinsky and Woolworths', but this unlikely culture clash worked - Ziggy turned Bowie into stardust.

This documentary tells the story of how Bowie arrived at one of the most iconic creations in the history of pop music. The songs, the hairstyles, the fashion and the theatrical stage presentation merged together to turn David Bowie into the biggest craze since the Beatles. Ziggy's instant success gave the impression that he was the perfectly planned pop star. But, as the film reveals, it had been a momentous struggle for David Bowie to hit on just the right formula that would take him to the top.

Narrated by fan Jarvis Cocker, it reveals Bowie's mission to the stars through the musicians and colleagues who helped him in his unwavering quest for fame - a musical voyage that led Bowie to doubt his true identity, eventually forcing the sudden demise of his alien alter ego, Ziggy.

Contributors include Trevor Bolder (bass player, Spiders from Mars), Woody Woodmansey (drummer, Spider from Mars), Mike Garson (Spiders' keyboardist), Suzi Ronson (Mick Ronson's widow, who gave Bowie that haircut), Ken Scott (producer), Elton John (contemporary and fan), Lindsay Kemp (Bowie's mime teacher), Leee Black Childers (worked for Mainman, Bowie's production company), Cherry Vanilla (Bowie's PA/press officer), George Underwood (Bowie's friend), Mick Rock (Ziggy's official photographer), Steve Harley, Marc Almond, Holly Johnson, Peter Hook, Jon Savage, Peter Dinklage and Dylan Jones.

SAT 03:10 Lemmy: In His Own Words (p03fvgyy)

[Repeat of broadcast at 00:20 today]

SUNDAY 18 JUNE 2017

SUN 19:00 Secret Knowledge (b05wps6k)

Nina Simone & Me with Laura Mvula

Over half a century since she first performed her songs, Nina Simone is more popular than ever. From Sinnerman to Mississippi Goddam, Feeling Good to My Baby Just Cares for Me, she is an artist with an extraordinary songbook that mixes jazz, blues, soul and even classical.

British soul singer Laura Mvula travels to New York to celebrate the Nina songs that mean most to her and explore their musical roots. Performing with a Harlem gospel choir, uncovering the influence of Nina's classical training and meeting Simone's long-time guitarist Al Shackman, Laura presents a personal tribute to the genius of her musical hero.

SUN 19:30 BBC Cardiff Singer of the World (b08v19gs)
2017

The Final

The competition reaches its thrilling conclusion as five of the world's most exciting singers compete for the most sought-after title in the operatic world. Petec Trelawny and American soprano Angel Blue are at St David's Hall to present every note of the Grand Final.

They are joined by two internationally acclaimed stars - lyric soprano Danielle de Niese has performed on stages around the world including Covent Garden and New York's Met, and sung on stage with LL Cool J and on the soundtrack for a Ridley Scott film; and Gerald Finley is an award-winning Canadian baritone who has performed on the world's major opera and concert stages. They're on hand to provide expert analysis of the evening's performances together with Mary King.

At the end of the evening, Patron Dame Kiri Te Kanawa will announce the name of the winner and present the trophy to the BBC Cardiff Singer of the World 2017. The BBC National Orchestra of Wales is conducted by Thomas Sondergard and Tomas Hanus.

SUN 22:00 Doris Day - Virgin Territory (b0074rwd)

Doris Day has often been dismissed as an actress and overlooked as a singer, despite career highs such as Calamity Jane and Pillow Talk. Covering her early years as a band singer, and her troubled private life, this documentary re-evaluates one of the screen's most enduring legends.

SUN 23:00 Buddy Holly: Rave On (b08q8f1n)

He was lanky, he wore glasses and he sang as if permanently battling hiccups. Aesthetically, Buddy Holly might have been the most unlikely looking rock 'n' roll star of the 50s. But he was, after Elvis Presley, unquestionably the most influential.

It was an all-too-brief career that lasted barely 18 months from That'll Be The Day topping the Billboard charts to the plane crash in February 1959 in Iowa that took Holly's life. That day was immortalised in Don McLean's 1971 song American Pie, and has become known as 'the day the music died'.

This film tells the story of Buddy Holly's tragically short life and career through interviews with those who knew him and worked with him. This combined with contributions from music fans paints a picture of an artist who changed music. Rock 'n' roll started with Elvis, but pop music started with Buddy Holly and The Crickets.

In an age of solo stars, Holly also led the first recognisable 'pop' group, The Crickets, who in name alone inspired The Beatles. As a songwriter, he revolutionised rock 'n' roll by introducing dynamic new rhythms and unpredictable melodies beyond its traditional blues roots. In his songs, written and recorded in the late 50s, we can already hear the beat group sound of the 60s and beyond.

Buddy Holly's story remains one of the most dramatic tales in rock 'n' roll, one which nearly 60 years after his breakthrough hit That'll Be The Day, deserves to be told again for a new generation. His life was tragically short. His legacy is triumphantly infinite.

SUN 00:00 Horizon (b00nslc4)

2009-2010

Who Is Afraid of a Big Black Hole?

Black holes are one of the most destructive forces in the universe, capable of tearing a planet apart and swallowing an entire star. Yet scientists now believe they could hold the key to answering the ultimate question: what was there before the big bang?

The trouble is that researching black holes is next to impossible. They are by definition invisible and there is no scientific theory able to explain them. Horizon meets the astronomers and theoretical physicists who, despite these obvious obstacles, are attempting to image a black hole for the very first time and get ever closer to unlocking its mysteries. It is a story that goes into the heart of a black hole and to the very edge of what is thought to be known about the universe.

SUN 01:00 Voyager: To the Final Frontier (b01nj48v)

This is the story of the most extraordinary journey in human exploration, the Voyager space mission. In 1977 two unmanned spacecraft were launched by NASA, heading for distant worlds. It would be the first time any man-made object would ever visit the farthest planets of the solar system - Jupiter, Saturn, Neptune and Uranus. On the way the Voyagers would be bombarded by space dust, fried by radiation and discover many of the remarkable wonders of the solar system.

Now, at the end of 2012, 35 years and 11 billion miles later, they are leaving the area of the sun's influence. As they journey

out into the galaxy beyond they carry a message from Earth, a golden record bolted to the side of each craft describing our civilisation in case of discovery by another. This is the definitive account of the most intrepid explorers in Earth's history.

SUN 02:00 The Magic of Mushrooms (b041m6fh)

Professor Richard Fortey delves into the fascinating and normally hidden kingdom of fungi. From their spectacular birth, through their secretive underground life to their final explosive death, Richard reveals a remarkable world that few of us understand or even realise exists - yet all life on earth depends on it.

In a specially built mushroom lab, with the help of mycologist Dr Patrick Hickey and some state-of-the-art technology, Richard brings to life the secret world of mushrooms as never seen before and reveals the spectacular abilities of fungi to break down waste and sustain new plant life, keeping our planet alive.

Beyond the lab, Richard travels across Britain and beyond to show us the biggest, fastest and most deadly organisms on the planet - all of them fungi. He reveals their almost magical powers that have world-changing potential - opening up new frontiers in science, medicine and technology.

SUN 03:00 Timeshift (b04z23k9)

Series 14

Battle for the Himalayas: The Fight to Film Everest

Between the 1920s and the 1960s the world's great powers sent vast military-style expeditions to conquer the peaks of the Himalayas, with Everest at their head. This was a great game played - camera in hand - by Imperial Britain, Nazi Germany and superpower America. As a result, Himalayan mountaineering's most iconic, epic and tragic moments didn't just go down in history, but were caught on film - from the deaths of Mallory and Irvine on Everest in 1924, to Everest's final conquest in 1953 by Hillary and Tensing. Using footage never before seen on British television, this is the story how of how film-makers turned the great peaks into great propaganda.

MONDAY 19 JUNE 2017

MON 19:00 100 Days+ (b08vkt2)

Series 1

19/06/2017

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping our world.

MON 19:30 Great British Railway Journeys (b050m9wg)

Series 6

Derby to Grantham

Michael Portillo embarks on a new journey following his Bradshaw's handbook from the heart of the industrial East Midlands to the north eastern island of Lindsfarne.

On this leg, he gives an old engine a fresh start in the railway hub of Derby.

In Nottingham, he discovers the Victorian origins of a well-known high street chemist. He then travels to Newstead Abbey, where he learns about its former owner, the young Lord Byron.

A baking lesson in Grantham yields a batch of the oldest commercially traded biscuits in the country, and no visit to the town would be complete for Michael without calling at a historic grocer's shop.

MON 20:00 Britain and the Sea (p01k4zs9)

Adventure and Exploration

David Dimbleby sails the south west coast of England - along the coast of Devon and Cornwall - in his own sailing boat, Rocket, exploring maritime history, art and architecture as he goes. Caught up in stormy weather, he makes it to safety in the nick of time, to tell the story of Sir Francis Drake and a fantastic array of adventurers, explorers, pirates and smugglers.

It's also a chance for David to enjoy some of Britain's most beautiful coastline and turn his hand to a bit of art himself. David also gingerly submits himself to one of the oldest maritime art forms of all - the art of the tattoo.

MON 21:00 The Art of Japanese Life (p054md5m)

Series 1

Cities

Dr James Fox explores how the artistic life of three great Japanese cities shaped the country's attitudes to past and present, east and west, and helped forge the very idea of Japan itself.

Beginning in Kyoto, the country's capital for almost a thousand years, James reveals how the flowering of classical culture produced many great treasures of Japanese art, including The Tale of Genji, considered to be the first novel ever written. In the city of Edo, where Tokyo now stands, a very different art form emerged, in the wood block prints of artists such as Hokusai and Hiroshige. James meets the artisans still creating these prints today, and discovers original works by a great master, Utamaro, who documented the so-called 'floating world' - the pleasure district of Edo.

In contemporary Tokyo, James discovers the darker side of Japan's urbanisation, through the photographs of street photographer Daido Moriyama, and meets one of the founders of the world-famous Studio Ghibli, Isao Takahata, whose haunting anime film Grave of the Fireflies helped establish anime as a powerful and serious art form.

MON 22:00 Handmade in Japan (p054mchl)

Series 1

Kimono

The second episode takes us to the remarkable island of Amami Oshima in the southern oceans of Japan, to follow the elaborate handmade production of a traditional Japanese kimono. Over five hundred people are involved in producing the island's famous mud-dyed silk which takes many months to produce. The film follows the painstaking process of the silk being bound, hand dyed, woven and finally turned into a kimono by a seamstress. Along the way we not only discover the history of the kimono tradition, but also the many difficulties facing the kimono industry in modern Japan.

MON 22:30 David Attenborough's Zoo Quest in Colour (p03qxfsg)

Thanks to a remarkable discovery in the BBC's film vaults, the best of David Attenborough's early Zoo Quest adventures can now be seen as never before, in colour, and with it the remarkable story of how this pioneering television series was made.

First broadcast in December 1954, Zoo Quest was one of the most popular television series of its time and launched the career of the young David Attenborough as a wildlife presenter. It completely changed how viewers saw the world, revealing wildlife and tribal communities that had never been filmed or even seen before.

Broadcast ten years before colour television was seen in the UK, Zoo Quest was thought to have been filmed in black and white, until now. Using this extraordinary new-found colour film, together with new behind-the-scenes stories from David Attenborough and cameraman Charles Lagus, this special showcases the very best of Zoo Quest to West Africa, Zoo Quest to Guiana and Zoo Quest for a Dragon in stunning HD colour for the very first time.

MON 00:00 Britain and the Sea (p01k4zs9)

[Repeat of broadcast at 20:00 today]

MON 01:00 Sir John Dankworth at the BBC (b00tp21y)

With an introduction from his widow Dame Cleo Laine, this programme pays tribute to Sir John Dankworth, jazz musician, big band leader and composer for TV and film.

Featuring a wide variety of performances from the BBC archive, it includes John playing saxophone in the company of his hero Duke Ellington from Monitor 1958, an appearance with his orchestra at the Royal Variety Performance 1962, classic tracks from the series Jazz 625 including John's band accompanying Cleo Laine, and Cleo and John's 2007 performance on Later with Jools Holland.

Information captions give background details about the tunes played and John's illustrious career. John, who died in February 2010, was a pioneer of modern British jazz and an ambassador for all genres of British music.

MON 02:00 Handmade in Japan (p054mchl)

[Repeat of broadcast at 22:00 today]

MON 02:30 The Art of Japanese Life (p054md5m)

[Repeat of broadcast at 21:00 today]

TUESDAY 20 JUNE 2017

TUE 19:00 100 Days+ (b08vkt7)

Series 1

20/06/2017

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping our world.

TUE 19:30 Great British Railway Journeys (b050m8ht)

Series 6

Boston to Hensall

Armed with his Bradshaw's, Michael Portillo continues his journey from Derby to Lindsfarne. Beginning in Boston in the flatlands of Lincolnshire, Michael explores the connection between the town and its American namesake.

At Southwell, he discovers the origins of a favourite Victorian apple and learns how to make apple pie. In Menston, Michael visits an imposing institution built to provide asylum for those suffering from mental illness and learns how volunteers care for its once-derelect chapel and graveyard.

At Wakefield, Michael manages to board one of Britain's least frequent services and finds out what led to the birth of the parliamentary train. Along the way, he meets a former locomotive engineer who offers him the chance to drive a steam engine.

TUE 20:00 Pain, Pus and Poison: The Search for Modern Medicines (b03ccs7k)

Pus

Infection can take over the entire human body, and if our immune systems aren't strong enough we will die - in fact, infectious disease has regularly wiped out millions of people across the planet. Dr Michael Mosley explores our earliest attempts to tackle infection and reveals the moment we began to harness the power of microbes to fight back. This is the story of how scientists, chemists and doctors helped us win the battle, from Louis Pasteur to Howard Florey, and how a small team of dedicated men and women wiped out one of mankind's deadliest diseases - smallpox.

TUE 21:00 Jane Austen: Behind Closed Doors (b08sqxk1)

Lucy Worsley explores the different houses in which Jane Austen lived and stayed, to discover just how much they shaped Jane's life and novels.

On a journey that takes her across England, Lucy visits properties that still exist, from grand stately homes to seaside holiday apartments, and brings to life those that have disappeared. The result is a revealing insight into one of the world's best-loved authors.

TUE 22:00 Dan Cruickshank and the Family that Built Gothic Britain (b04m3ljr)

As good as any Dickens novel, this is the triumphant and tragic story of the greatest architectural dynasty of the 19th century. Dan Cruickshank charts the rise of Sir George Gilbert Scott to the very heights of success, the fall of his son George Junior and the rise again of his grandson Giles. It is a story of architects bent on a mission to rebuild Britain. From the Romantic heights of the Midland Hotel at St Pancras station to the modern image of Bankside power station (now Tate Modern), this is the story of a family that shaped the Victorian age and left a giant legacy.

TUE 23:00 The Genius of Turner: Painting the Industrial Revolution (b01s50kn)

A film that looks at the genius of JMW Turner in a new light. There is more to Turner than his sublime landscapes - he also painted machines, science, technology and industry. Turner's life spans the Industrial Revolution, he witnessed it as it unfolded, and he painted it. In the process he created a whole new kind of art. The programme examines nine key Turner paintings and shows how we should rethink them in the light of the scientific and Industrial Revolution. Includes interviews with historian Simon Schama and artist Tracey Emin.

TUE 00:00 Majesty and Mortar: Britain's Great Palaces (b047pdzg)

Inventing a National Style

Dan Cruickshank charts the arrival of a new style of palace that borrowed from ancient Rome and beyond, as the kings and queens of Britain demanded that architecture proclaim their right to rule, and even their divinity. From London's Banqueting House to the birth of Buckingham Palace via Kensington, Kew and a new wing at Hampton Court, the palace became like a

bejewelled casket to house the monarch. But disaster was around the corner and Britain learned that a palace could transform into a prison overnight.

TUE 01:00 The Treasure Hunters (b04r3bv)
Raw Treasure

From pirates' hoards and shipwrecked booty to dazzling gems to precious metals, we lust after treasure, fight over it and go to the ends of the earth to find it - our planet is a treasure chest just waiting to be opened. In this series, Ellie Harrison and Dallas Campbell journey around the globe on the ultimate treasure hunt.

They scratch the surface of our planet to uncover its most extraordinary riches - from mountains of gold to the most valuable gemstones in the world and the largest natural treasure ever found.

In this episode, Ellie ventures down one of the deepest gold mines in the world in search of the gleaming metal that was once thought to be the skin of the gods and the sweat of the sun. Dallas free-dives for lustrous pearls in the waters around north west Australia and, using one of the largest treasure-hunting machines, he seeks out diamonds from the bottom of the ocean.

Dallas and Ellie reveal how you could make your fortune on the beach. Lumps of ambergris can wash up on almost any shoreline in the world. Although it starts life in a sperm whale's stomach, it ends up as a costly raw ingredient in the most expensive perfumes.

And while Dallas tries his hand at opal mining in one of the most hostile places on earth, Ellie discovers how one of the largest and most unusual treasures ever uncovered has helped us solve a 67-million-year-old puzzle.

TUE 02:00 Pain, Pus and Poison: The Search for Modern Medicines (b03ccs7k)
[Repeat of broadcast at 20:00 today]

TUE 03:00 Dan Cruickshank and the Family that Built Gothic Britain (b04m3ljr)
[Repeat of broadcast at 22:00 today]

WEDNESDAY 21 JUNE 2017

WED 19:00 100 Days+ (b08vktpg)
Series 1

21/06/2017

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping our world.

WED 19:30 Great British Railway Journeys (b050mbzt)
Series 6

Hessle to York

Steered by his Bradshaw's guide, Michael Portillo continues his journey from the heart of the East Midlands to Northumberland's Holy Island.

He begins in Hessle, on the north bank of the River Humber, in the shadow of the magnificent Humber Bridge, where he learns about the technology that made it possible. In Kingston upon Hull, Michael meets his friend and sparring partner, local MP Alan Johnson, who tells him about another famous son of his city, William Wilberforce.

In Scarborough, Michael's handbook directs him to the castle, where the founder of the Quaker movement was once imprisoned. His last stop of the day is York, where Michael learns what made the ancient capital a centre for the sweet-making industry.

WED 20:00 Sound of Cinema: The Music That Made the Movies (b03b45h4)
The Big Score

In a series celebrating the art of the cinema soundtrack, Neil Brand explores the work of the great movie composers and demonstrates their techniques. Neil begins by looking at how the classic orchestral film score emerged and why it's still going strong today.

Neil traces how in the 1930s, European-born composers such as Max Steiner and Erich Wolfgang Korngold brought their Viennese training to play in the great movie scores for Hollywood masterpieces like King Kong and The Adventures of Robin Hood. But it took a home-grown American talent,

Bernard Herrmann, to bring a darker, more modern sound to some of cinema's finest films, with his scores for Citizen Kane, Psycho and Taxi Driver.

Among those Neil meets are leading film-makers and composers who discuss their work, including Martin Scorsese and Hans Zimmer, composer of blockbusters like Gladiator and Inception.

WED 21:00 Burton and Taylor (p01c8jm8)

Drama telling the story of Hollywood's most glamorous couple, Richard Burton and Elizabeth Taylor, who acted together for the last time in Noel Coward's Private Lives in 1983.

When Elizabeth Taylor and Richard Burton met on the set of Cleopatra, the attraction was immediate. The public were enthralled by their illicit romance, two tempestuous marriages, frequent break-ups and extravagant reunions. They were the original fabulous stars, conspicuous in their consumption of clothes, houses, yachts, diamonds, and, more damagingly, alcohol.

In 1976 Richard and Elizabeth divorced for the second time. They both married other people and it seemed that the romance of the century might truly be over. Then, in 1982, they both separated and were free again. In 1983, Richard and Elizabeth had one final reunion on the stage when they spent seven months touring with Noel Coward's Private Lives. During the tour public speculation grew about the possibility of another marriage, but in private old frictions played out once again. Speculation about another reunion ended when Richard Burton married his fiancée Sally Hay halfway through the run.

This is the story of the first celebrity 'it' couple. Beyond alcohol, pills and the trappings of fame, was love the ultimate crutch that allowed them to escape the realities of their extraordinary lives? Funny, glamorous, tempestuous and dripping with diamonds, this is the last battle of the Burtons.

WED 22:25 Parkinson: The Interviews (b01h22vh)
Series 1

Richard Burton

Michael Parkinson looks back at his unique interview with talented and troubled film star Richard Burton. Back in 1974, Burton was battling against alcoholism and had spent six weeks in hospital for treatment prior to the interview. Parkinson persuaded him to talk candidly about his career, love life and drink problems.

WED 23:00 Locomotion: Dan Snow's History of Railways (b01qh3z3)
Episode 3

Over just 50 years, Britain's railways grew from a handful of small lines carrying coal to the biggest industry in the strongest nation on the planet. A nation had built the railways and now those railways would build a nation, influencing working conditions for its employees, proving a valuable export across the globe and even changing warfare.

Yet the story of railways up until the beginning of the Second World War concerned who they really belonged to - the private rail companies who were obsessed with profit, the public who rode them, or the government, who needed them at times of crisis but was reluctant to regulate.

WED 00:00 Fair Cop: A Century of British Policewomen (b0555wj7)

With 2015 marking the 100th anniversary of the first British policewoman being given the power of arrest, this film takes us through the remarkable history of 100 years of Britain's female police force. It explores the individual careers and ambitions of women police officers who, through their bravery and guile, were determined to succeed in a profession that never wanted them. It's a story of class, drive and sheer guts, entwined with a darker side of sexism, snobbery, intimidation and betrayal.

Includes interviews with former policewomen who pushed boundaries in the profession such as Sisin Fay Allen, Britain's first black policewoman, Cressida Dick, Britain's highest-ever-ranking policewoman, Alison Halford, who brought a high-profile sex discrimination charge against the police, and Jackie Malton, who provided the model for Prime Suspect's Jane Tennison. These interviews are combined with fascinating facts and illuminating stories from expert historians and current serving officers who have made their careers in the specialist areas of the mounted police and firearms units.

This is a story about ingenuity and determination as well as law and order. A Fair Cop is a hidden history of our society, depicting a battle of the sexes that masked a battle for power.

WED 01:30 Scotland's Home Movies (b065xgj)

Narrated by Richard Madden, this film is a nostalgic look at how home movie-making in Scotland became a cultural phenomenon. Featuring fascinating and poignant cine films and the makers and stars of the movies themselves, we look back to some of the very first examples of Scottish home movies from the 1920s.

Whilst cinema itself was still in its infancy, the idea of making movies for yourself wasn't far behind. But early cine cameras were hand-cranked, mechanical and cumbersome. They were also expensive, too expensive for all but the wealthiest. By the 40s and 50s, after the horrors of World War II, home movie-making really took off, capturing the austerity of the 40s and the prosperity of the 50s. Cheaper cameras meant that Scotland's middle classes were now also able to capture their lives on film.

By the 60s there was a sense that anything was possible. It was a truly dynamic period in British history. Revolutions in youth culture, music and fashion transformed the look and feel of the country. Home movie-making became a cultural phenomenon, with people from all walks of life taking up the hobby.

WED 02:30 The Genius of Turner: Painting the Industrial Revolution (b01s50kn)
[Repeat of broadcast at 23:00 on Tuesday]

THURSDAY 22 JUNE 2017

THU 19:00 100 Days+ (b08vktps)
Series 1

22/06/2017

Katty Kay in Washington and Christian Fraser in London report on the events that are shaping our world.

THU 19:30 Top of the Pops (b08vxkqb)

Simon Bates and Peter Powell present the pop chart programme, first broadcast on 19 January 1984. Featuring Whitesnake, Big Country, Fiction Factory, China Crisis, Gloria Gaynor, John Lennon and Paul McCartney.

THU 20:00 Ireland's Treasures Uncovered (b070w5kh)

The story of the iconic Irish artefacts that have helped to shape and create modern Ireland, both north and south.

The programme reveals the surprising tales behind treasures such as the Tara Brooch, the Broughter Hoard, the Waterford Charter Roll and others, revealing new stories behind the artefacts that we thought we knew. It also reveals the most recent astounding finds that are adding to the list of Ireland's Treasures.

Using key access to Ireland's two largest museums, in Belfast and Dublin, the programme brings together archaeologists and curators who have spent their lives working to understand the true context for these emblematic treasures.

THU 21:00 Japan: Earth's Enchanted Islands (p02n9v9x)
The Southwest Islands

In the far south west of Japan, there is a chain of islands stretching towards the tropics - a place where all life is influenced by the power of the sea, and where volcanoes and typhoons are forces to be reckoned with.

The journey begins at an island at the top of the chain and travels south, revealing unexpected stories of isolation, unique wildlife and unsolved mysteries.

THU 22:00 Horizon (b08tj2zr)
2017

Antarctica - Ice Station Rescue

Britain's state-of-the-art Antarctic research base Halley VI is in trouble. Built on the Brunt Ice Shelf, it sits atop a massive slab of ice that extends far beyond the Antarctic shoreline. But the ice is breaking apart and just 6km from the station is a ginormous crevasse, which threatens to separate Halley from the rest of the continent, setting the £28 million base adrift on a massive iceberg.

So Halley needs to move. But this is probably the toughest moving job on earth, and the team of 90 who have been tasked with the mission aren't just architectural or engineering experts. They are plumbers, mechanics and farmers from across the UK and beyond - ordinary men and women on an extraordinary adventure. Their practical skills will be what makes or breaks this move. The rescue mission has one thing in its favour:

Halley was built on giant skis that mean it can be moved - in theory. But no-one has actually done it before. Embedded with the team, BBC film-maker Natalie Hewit spent three months living on the ice, following these everyday heroes as they battle in the most extreme environment on earth to move this vital polar research station.

THU 23:00 Planet Oil: The Treasure That Conquered the World (b0546d5q)

Episode 3

As we entered the 21st century, the world was guzzling oil, coal and gas like never before. Despite fears of 'peak oil', Professor Iain Stewart discovers that while huge technological advances are helping extend the life of existing oilfields, new unconventional oil and gas supplies like shale gas and tar sands are extending the hydrocarbon age well into the 21st century.

Given there's plenty of fossil fuels still in the ground, the spectre of climate change has forced many to ask can we really afford to burn what's left? In this concluding episode, Iain Stewart argues we face a stark choice.

Do we continue feed our addiction - suck Planet Oil dry - and risk catastrophic climate change, or do we go hell for leather for alternative energy sources, such as nuclear and renewables, to make the transition from our fossil fuel past to a low-carbon future. In which case, how do we make that shift?

THU 00:00 Top of the Pops (b08vxkqb)

[Repeat of broadcast at 19:30 today]

THU 00:35 Peter York's Hipster Handbook (b081v950)

Eminent social commentator Peter York seeks to understand what he sees as the modern obsession with 'the authentic'. He speaks to craftspeople and expert commentators on his journey to understand the current cultural moment. He also examines where the label of the 'hipster' has its roots and whether it is too general a term for such a broad movement. He demonstrates through his years of marketing and advertising experience that subcultures have always been absorbed and repackaged by the mainstream.

Contributors include Times deputy fashion editor Harriet Walters, the Guardian architecture critic Oliver Wainwright, and Sir John Hegarty. Peter also travels to America to look at parallels between the UK and America.

THU 01:35 Timeshift (b019327k)

Series 11

The Smoking Years

Timeshift reveals the story of the creature that is 'the smoker'. How did this species arrive on our shores? Why did it become so sexy - and so dominant in our lives? Was there really a time when everywhere people could be found shrouded in a thick blue cloud?

Enlisting the help of Barry Cryer, Stuart Maconie and others, The Smoking Years tells the unnatural history of a quite remarkable - and now threatened - creature. Warning: smoke-filled nostalgia may damage your health.

THU 02:35 Japan: Earth's Enchanted Islands (p02n9v9x)

[Repeat of broadcast at 21:00 today]

FRIDAY 23 JUNE 2017

FRI 19:00 World News Today (b08vpr8b)

The latest national and international news, exploring the day's events from a global perspective.

FRI 19:30 Glastonbury (b08vxlq3)

2017

The Pretenders

Mark Radcliffe and Alice Levine open up proceedings for this year's Glastonbury Festival of Performing Arts with highlights from the set by classic rock band The Pretenders, who opened up the Other Stage line-up earlier today.

FRI 20:00 Glastonbury (b08w2cx7)

2017

Kris Kristofferson and Royal Blood

Mark Radcliffe and Alice Levine introduce highlights from two contrasting artists performing on the Pyramid Stage on day one

of the Glastonbury Festival. Starting off with Glastonbury debutant, legendary US singer-songwriter Kris Kristofferson, who performs some of his classic hits. Kris is followed by Brighton riff-tastic duo Royal Blood, who are fast becoming festival favourites following the success of their debut back in 2014, and no doubt more and bigger success is on the cards with the release of their much anticipated second album How Did We Get So Dark.

FRI 21:00 Glastonbury (b08w2cx9)

2017

Elbow

Lauren Laverne introduces some very special guests from a performance at the Park Stage at this year's festival.

FRI 22:00 Sounds of the 70s 2 (b01glwzk)

Arthouse Glam - Get in the Swing

Performances from The Kinks, Roxy Music, Elton John, New York Dolls, Queen, Sparks, Rod Stewart and the rediscovered David Bowie performance of The Jean Genie from January 1973.

Welcome to gender-bending, boys getting in the swing and girls who would be boys and boys who would be girls in this mixed-up, shook-up 70s world.

FRI 22:30 Glastonbury (b08w2cxc)

2017

Dizzee Rascal

Hit maker and crowd favourite, east London's Dizzee Rascal takes to the stage as the Friday night headliner on the West Holts Stage.

FRI 23:45 Play it Loud: The Story of the Marshall Amp (b04c317j)

One iconic black box has probably more than anything else come to define the sound of rock - the Marshall amplifier. It has been, quite literally, behind some of the greatest names in modern music.

It all started in 1962 when drum shop owner Jim Marshall discovered the distinctive growl that gave the electric guitar an exciting new voice. Music got a whole lot louder as young musicians like Clapton, Townshend and Hendrix adopted the revolutionary 'Marshall Sound'. The electric guitar now spoke for a new generation and the genre of rock was born.

Soon Marshall stacks and walls were an essential backdrop of rock 'n' roll. The excesses of rock machismo were gloriously lampooned in the 1984 movie This is Spinal Tap. In an extraordinary piece of reverse irony, it was this comic exposure that rescued the company from financial meltdown.

With contributions from rock legends like Pete Townshend, Lemmy and Slash, plus an interview with the 'Father of Loud' Jim Marshall, this documentary cruises down the rock ages with all the dials set to 'eleven'.

FRI 00:45 Guitar Heroes at the BBC (b00dzv2)

Part I

Concentrating on the 1970s (1969 to 1981 to be exact) and ransacking a host of BBC shows from The Old Grey Whistle Test to Sight & Sound, this compilation is designed to release the air guitarist in everyone, combining great electric guitarists like Carlos Santana, Mark Knopfler, The Edge and Peter Green with acoustic masters like John Martyn, Pentangle and Paco Pena.

FRI 01:45 Guitar Heroes at the BBC (b00lk48h)

Part II

A celebration of Seventies-era axe-men, acoustic virtuosos and thumping riff merchants, in a compilation of guitar-heavy performances from the BBC TV archives.

Guitar gods including Jimi Hendrix, Pete Townshend, Peter Green and Johnny Winter are joined by, among others, flamenco maestro Manitas De Plata, bottleneck bluesman Ry Cooder and straight-up rockers AC/DC and Thin Lizzy.

Everything from Fleetwood Mac's ambient masterpiece Albatross to hits like The Jam's In The City and Free's All Right Now feature along with lesser-known gems like Maid in Heaven by Be Bop Deluxe and Nils Lofgren's Keith Don't Go.

The tracks were recorded in the heyday of BBC shows such as The Old Grey Whistle Test, Top of the Pops and Rock Goes to

College.

FRI 02:45 Play it Loud: The Story of the Marshall Amp (b04c317j)

[Repeat of broadcast at 23:45 today]